

**Abstract**

A multi-channel digital audio decoder which receives an encoded audio signal having at least two channels and which decodes the audio signal. The digital audio decoder includes an input, which receives the encoded audio signal and a processor, which receives the encoded audio signal from the input. The processor decodes the encoded audio signal and provides decoded digital audio data. Also included is a buffer, which receives the decoded digital audio data from the processor. The buffer has a first-channel portion and a second-channel portion which have unequal sizes.

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